| 253   | UTILITY  | TILITY                                     |                                   | Attorney Docket No.   |  | 134362                                  |  |             |  |
|---|--|--|-----------------------------------|---|--|---|--|-------------|--|
| PATEN   | PATENT APPLICATION   |  | First Inventor                    |   | Armin Schoisswohl                                      |   |  | ╛           |  |
| in in   | ANSMITTAL  |  | Title                             | METHOD AND SCAN OF AN O   | HOD AND APPARATUS FOR CO<br>N OF AN OBJECT MOVING AT A |   | RECTING A VOLUMETRIC<br>UNEVEN PERIOD                      |             |  |
| د ===   |  |  |                                   | Express Mail Label No. EV 298 647 551 US  |  |   |  |             |  |
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.   |  |  | ADDRE                             | SS TO:  | Commissione<br>PO Box 1450                             |   | S. PTO   | 207         |  |
| 1. See Transmittal Form (e.g. PTO/SB/17)  (Submit an original and a duplicate for fee processing.)  2. Applicant claims small entity status.  See 37 CFR 1.27.  3. Specification  [Total Pages 25]  (preferred arrangement set forth below)  - Descriptive title of the invention  - Cross Reference to Related Applications  - Statement Regarding Fed sponsored R & D  - Reference to sequence listing, a table, or a computer program listing appendix  - Background of the Invention  - Brief Summary of the Invention  - Brief Description of the Drawings (if filed)  - Detailed Description  - Claim(s)  - Abstract of the Disclosure  4. Drawing(s) (35 U.S.C. 113)  Total Sheets 11]  5. Declaration & Power of Attorney  [Total Pages 2]  a. Newly executed (original or copy)  b. Copy from a prior application (37 CFR 1.63 (d))  (for continuation/divisional with Box 17 completed)  i. DELETION OF INVENTOR(S)  Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR  1.63(d)(2) and 1.33(b).  6. Application Data Sheet. See 37 CFR 1.76 |  |  |                                   | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or  ii. paper  c. Statements verifying identify of above copies  ACCOMPANYING APPLICATION PARTS  9. Assignment Papers (cover sheet & document(s)) [3 pages]  10. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)  11. English Translation Document (if applicable)  12. Information Disclosure Statement Copies of IDS Citations (IDS)/PTO-1449  13. Preliminary Amendment  14. Return Postcard (MPEP 503) (Should be specifically itemized)  15. Certified Copy of Priority Document(s) (if foreign priority is claimed)  16. Non Publication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17. Other: |  |   |  |             |  |
| a part of the disclosure of t   |  | or divisional appli<br>I application parts | of the prior a<br>cation and is l | hereby incorporated   | Unit:  | claration is suppli<br>he incorporation | ied under Box 5b, is conside<br>can only be relied upon wh | red<br>en a |  |
| Community of Bar California   |  |  |                                   | bar code label here)  | or   | Corresp                                 | oondence address below                                     |             |  |
| Name  | Dean D. Small  | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,    |                                   |   |  |   |  |             |  |
|   | Armstrong Teasdale LL  | .P   |                                   |   |  |   |  |             |  |
| Address   | One Metropolitan Squa  | re, Suite 2600                             |                                   |   |  |   |  |             |  |
| City  | St. Louis  | ·  | Stat                              | е МО  |  | Zip Code                                | 63102  |             |  |
| Country   | US   |  | elephone                          | 314.621.5070  |  | Fax                                     | 314.621.5065   |             |  |
| Name (Print/Type)   | Dean D. Small  | Re   | egistration                       | No. (Attorney/A   | (gent)   |   | 34,730   |             |  |
| Signature Date August 28, 2003  Certificat of Express Mail  |  |  |                                   |   |  |   |  |             |  |
| service under 37 C.F.I  | nents listed on this form are<br>R. § 1.10 on the date indicandria, VA 22313-1450. | heina denosite                             | ed with the                       | United States Pos   | stal Service "E<br>ail Stop Paten                      | Express Mail Po                         | Commissioner for Fater                                     | ιω,         |  |
| Dean D. Small   | Dean D. Small  |  |                                   | Dem August 28, 20   |  |   |  | )3          |  |
| (Printed Name of Person Mailing Correspondence)   |  |  | (Signatu                          | (Signature of Person Mailing Correspondence) Date   |  |   |  |             |  |

PTO/SB/17 (08-03)

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## **FEE TRANSMITTAL** for FY 2003

(\$) 790.00

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

| Compl te if Known    |                   |   |  |  |  |
|----------------------|-------------------|---|--|--|--|
| Application Number   |                   | · |  |  |  |
| Filing Date          | August 28, 2003   |   |  |  |  |
| First Named Inventor | Armin Schoisswohl |   |  |  |  |
| Examiner Name        |                   |   |  |  |  |
| Art Unit             |                   |   |  |  |  |
| Attomory Docket No.  | 134362            |   |  |  |  |

| METHOD OF PAYMENT (check all that apply)  | FEE CALCULATION (continued) |             |             |             |   |           |  |
|---|-----------------------------|-------------|-------------|-------------|---|-----------|--|
| Check Credit card Money Other None  | 3. A                        | DDITI       | ONAI        | FEE         | S   |           |  |
| Deposit Account:  |                             |             |             | Entity      |   |           |  |
| Denosit   | Fee<br>Code                 | Fee<br>(\$) | Fee<br>Code | Fee<br>(\$) | Fee Description   | Fee Paid_ |  |
| Account Number  | 1051                        | 130         | 2051        |             | Surcharge - late filing fee or oath   |           |  |
| Deposit<br>Account Armstrong Teasdale LLP   | 1052                        | 50          | 2052        | 25          | Surcharge - late provisional filing fee or<br>cover sheet                         |           |  |
| Name  | 1053                        | 130         | 1053        | 130         | Non-English specification   |           |  |
| The Director is authorized to: (check all that apply)  Charge fee(s) indicated below  Credit any overpayments               | 1812                        | 2,520       | 1812        | 2,520       | For filing a request for ex parte reexamination                                   |           |  |
| Charge fee(s) indicated below Credit any overpayments  Charge any additional fee(s) during the pendency of this application | 1804                        | 920*        | 1804        | 920*        | Requesting publication of SIR prior to  |           |  |
| Charge fee(s) indicated below, except for the filing fee  |                             | 4 940       | 1005        | 1 040*      | Examiner action Requesting publication of SIR after                               |           |  |
| to the above-identified deposit account.  | 1805                        | 1,840*      | 1005        | 1,040       | Examiner action   |           |  |
| FEE CALCULATION   | 1251                        | 110         | 2251        | 55          | Extension for reply within first month  |           |  |
| 1. BASIC FILING FEE   | 1252                        | 410         | 2252        | 205         | Extension for reply within second month   |           |  |
| Large Entity Small Entity   | 1253                        | 930         | 2253        | 465         | Extension for reply within third month  |           |  |
| Fee Fee Fee Fee Description Fee Paid  | 1254                        | 1,450       | 2254        | 725         | Extension for reply within fourth month   |           |  |
| 4004 750 2004 275   Hilliby Sling foo   | 1255                        | 1,970       | 2255        | 985         | Extension for reply within fifth month  |           |  |
| 1001 750 2007 375 Guilly hirting fee 750.00   | 1401                        | 320         | 2401        | 160         | Notice of Appeal  |           |  |
| 1003 520 2003 260 Plant filing fee  | 1402                        | 320         | 2402        | 160         | Filing a brief in support of an appeal  |           |  |
| 1004 750 2004 375 Reissue filing fee  | 1403                        | 280         | 2403        | 140         | Request for oral hearing  |           |  |
| 1005 160 2005 80 Provisional filing fee   | 1451                        | 1,510       | 1451        | 1,510       | Petition to institute a public use proceeding                                     |           |  |
| SUBTOTAL (1) (\$) 750.00  | 1452                        | 110         | 2452        | 55          | Petition to revive - unavoidable  |           |  |
|   | 1453                        | 1,300       | 2453        | 650         | Petition to revive - unintentional  |           |  |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE   | 1501                        | 1,300       | 2501        | 650         | Utility issue fee (or reissue)  |           |  |
| Extra Claims below Fee Paid   |                             | 470         | 2502        | 235         | Design issue fee  |           |  |
| Total Claims 20 -20** = 0 X 0.00 = 0.00   | 1503                        | 630         | 2503        | 315         | Plant issue fee   |           |  |
| Claims 3 - 3 = 0   \( \frac{0.00}{0.00} \) = \( \frac{0.00}{0.00} \)  | 1460                        | 130         | 1460        | 130         | Petitions to the Commissioner   |           |  |
| Multiple Dependent  | 1807                        | 50          | 180         | 7 50        | Processing fee under 37 CFR 1.17(q)   |           |  |
| Large Entity   Small Entity Fee Fee   Fee Fee Fee Description   | 1806                        | 180         | 180         |             | Submission of Information Disclosure Stmt   |           |  |
| Code (\$) Code (\$)   | 8021                        | 40          | 802         | 1 40        | Recording each patent assignment per property (times number of properties)        | 40.00     |  |
| 1202 18 2202 9 Claims in excess of 20<br>1201 84 2201 42 Independent claims in excess of 3                                  | 1809                        | 750         | 280         | 9 375       | 5 Filing a submission after final rejection<br>(37 CFR 1.129(a))                  |           |  |
| 1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid                   | 1810                        | 750         | 281         | 0 375       | 5 For each additional invention to be   |           |  |
| 1204 84 2204 42 ** Reissue independent claims   |                             |             |             |             | examined (37 CFR 1.129(b))  |           |  |
| over original patent  | 1801                        |             | 2801        |             | Request for Continued Examination (RCE)   | <b></b>   |  |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent   | 1802                        | 900         | 1802        | 900         | <ul> <li>Request for expedited examination<br/>of a design application</li> </ul> |           |  |
| SUBTOTAL (2) (\$) 0.00  | Other fee (specify)         |             |             |             | L   |           |  |
| **or number previously paid, if greater; For Reissues, see above  | *Red                        | uced by     | Basic       | Filing F    | ee Paid SUBTOTAL (3) (\$) 40.00   |           |  |

| SUBMITTED BY      |               |     |                                   |        | (Complete | (if applicable)) |
|-------------------|---------------|-----|-----------------------------------|--------|-----------|------------------|
| Name (Print/Type) | Dean D. Small | 01  | Registration No. (Attorney/Agent) | 34,730 | Telephone | 314-621-5070     |
| Signature         | 2 mas CD      | Mar |                                   |        | Date      | August 28, 2003  |

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450. ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.